

GROUND-WATER LEVELS

KING GEORGE COUNTY

382113077024101. Local number, 54Q 53.

LOCATION.--Lat 38°21'13", long 77°02'41", Hydrologic Unit 02070011, 300 ft southeast of U.S. Highway 301, 0.2 mi northeast of intersection of Bennion Road and Blandy Boulevard, and at the Naval Surface Warfare Center, Dahlgren Laboratory, in Dahlgren. Owner: U.S. Department of the Navy.

AQUIFER.--Columbia aquifer of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 4 in. to 12.5 ft, 17.5 to 20 ft, depth 20 ft, screened 12.5 to 17.5 ft.

INSTRUMENTATION.--Occasional measurement with chalked tape by USGS personnel. May 28, 1993, to Sept. 25, 1994, digital recorder--60-minute punch. Prior to May 28, 1993, monthly measurement with chalked tape.

DATUM.--Elevation of land-surface datum is 8.85 ft above sea level. Measuring point: Top of casing, 2.05 ft above land-surface datum. May 28, 1993, to Sept. 25, 1994, measuring point was top of recoder shelf, 2.51 ft above land-surface datum.

REMARKS--This well is known to contain dissolved solids greater than or equal to 1,000 mg/l.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.02 ft below land-surface datum, Sept. 24, 1997; lowest recorded, 6.09 ft below land-surface datum, Nov. 16, 1993.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

		DATE	WATER LEVEL	DATE	WATER LEVEL
		MAR 30	3.69	SEP 30	5.83
WATER YEAR 1998	HIGHEST	3.69	MAR 30, 1998		
	LOWEST	5.83	SEP 30, 1998		

